

Converting Colors

Hex(3F084E)

Have a look what the booklet for
Hex(3F084E) contains.

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Color

Hex(3F084E)

Conversions

Conversions Part 1

Format	Color
Hex	3F084E
RGB	63, 8, 78
RGB Percent	25%, 3%, 31%
CMY	0.7529, 0.9686, 0.6941
CMYK	0.19, 0.90, 0.00, 0.69
HSL	287°, 81%, 17%
HSV	287°, 90%, 31%
XYZ	3.5119, 1.7805, 7.3663
YIQ	32.4250, 10.3100, 33.4300

Conversions

Conversions Part 2

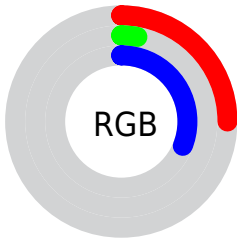
Format	Color
RYB	63, 8, 78
Decimal	4130894
CIELab	14.29, 35.97, -29.27
CIELCh	14, 46.376, 320.866
Yxy	1.7805, 0.2774, 0.1407
Android (android.graphics.Color)	4282320974 (0xFF3F084E)
YUV	32.4250, 22.4685, 26.8143
Hunter-Lab	13.3435, 23.6284, -23.3907




Details

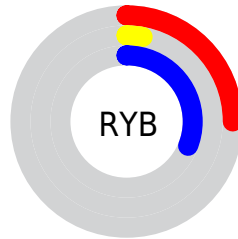
The Hex color **3F084E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174E08**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **713A80**, and **060021** is the 20% darker color. If you saturate the color by 10%, you get **3D004E**, and if you desaturate by 10%, it is **41104E**.

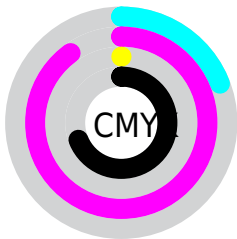
Distribution







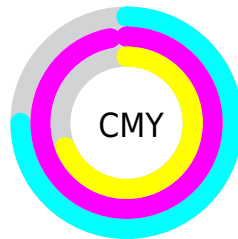
-  Red (25%)
-  Green (3%)
-  Blue (31%)






-  Red (25%)
-  Yellow (3%)
-  Blue (31%)



-  Cyan (19%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (75%)
-  Magenta (97%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F084E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3F084E by changing the saturation by 10% instead.

 3F084E

 3F084E

 FFF5FF

 280037

 713A80

 060021

 8C539A

 000005

 A76CB5

 000000

 C386D1

 DFA1ED

 FCBCFF

 FFD8FF

 3F084E

 3F084E

■ 3D004E

■ 41104E

■ 42184E

■ 441F4E

■ 46274E

■ 472F4E

■ 49374E

■ 4B3F4E

■ 4C464E

■ 4E4E4E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



002162



3F084E



560030

Triad

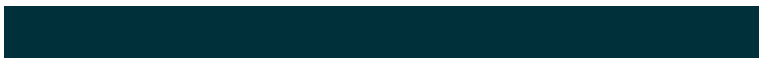
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F084E



361F00



00313B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3F084E



174E08

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003119



3F084E



182900

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3F084E



4D0B00



002E00



003057

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3F084E



5A001A



002E00



003130

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3F084E



604A66



08174E



302333



B3B3B3



333333

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3F084E



500066



4E083A



252226



B400E6

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4E0817



660016



084E1C



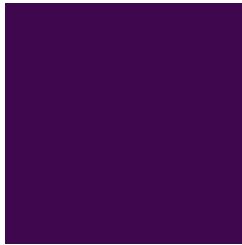
262223



E60031

Previews

White Background



This preview shows how the Hex color 3F084E looks on a white background.

Color Contrast Check

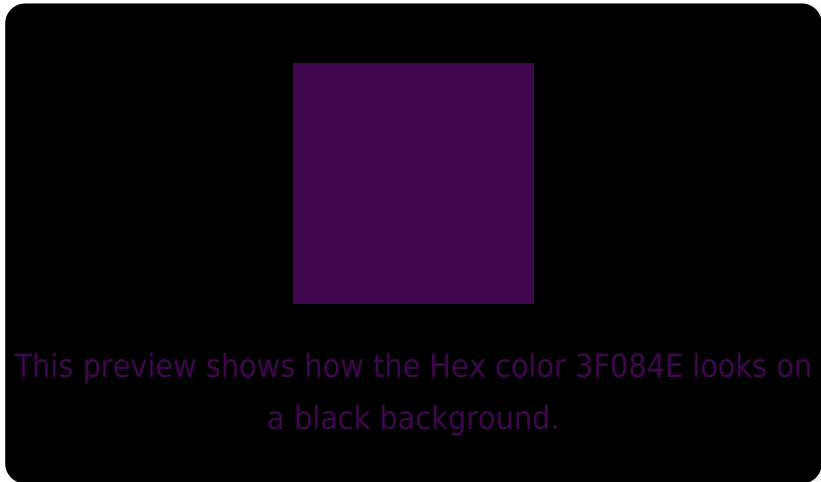
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3F084E Background



This preview shows how black text looks on a background with the Hex color 3F084E.



This preview shows how white text looks on a background with the Hex color 3F084E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

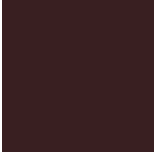
Dichromacy



Original Color
3F084E

Protanopia
00264F

Deuteranopia
002845



Tritanopia
391F21

Trichromacy



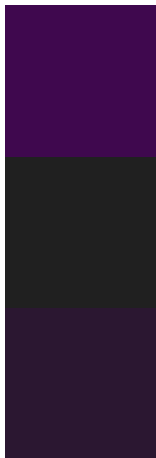
Original Color
3F084E

Protanomaly
171B4F

Deuteranomaly
171C48

Tritanomaly
3B1731

Monochromacy



Original Color
3F084E

Achromatopsia
202020

Achromatomaly
2B1731

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F084E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3F084E looks like.

```
.text, #text, p{  
    color:#3F084E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3F084E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F084E
}
```

Border

The CSS property to change the border of an element to Hex 3F084E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F084E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3F084E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3F084E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F084E; -webkit-box-shadow:4px 4px  
4px 4px #3F084E; box-shadow:4px 4px 4px  
4px #3F084E }
```

Background

The CSS property to change the background color of an element to Hex 3F084E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F084E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3F084E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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